

RAICHEVA, L.; PELOVA, N.

Atypical case of autochthonous visceral leishmaniasis and infarction of the right auricle resulting from associated atherosclerosis. Suvrem.med., Sofia no.11:88-92 '59.

1. Iz Katedrata po bolnichna terapiia pri VMI - Sofia. Zav. katedrata: prof. Al. Pukhlev. i Katedrata po patologichna anatomia pri VMI - Sofia. Zav. katedrata: prof. B. Kurdzhiev.

(LEISHMANIASIS VISCERAL compl.)

(MYOCARDIAL INFARCT compl.)

(ARTERIOSCLEROSIS compl.)

RAICHENVA, L.

Microflora in the rhizosphere, in the root zone, and on the roots of
vetch and oats. Izv Inst "Nikola Pushkarov" no.2:91-110 '62.

PUKHLEV, A., Prof.; RAICHEVA, L.I.

A peculiar type of familial pernicious anemia. Suvrem. med., Sofia 8
no.11:118-125 1957.

1. Iz Katedrata po bolnichna terapiia pri VMI - Sofia (Zav. katedrata:
prof. A. Pukhlev).

(ANEMIA, PERNICIOUS, case reports,
familial (Bul))

01749-57

T/EXP(1)/FRI

10/10

10/10/10/10

ACC NR: AP6035628

SOURCE CODE: B/0011/65/018/011/1023/1026

RAICHEVA, S., ANDREEVA, L., Chemical Engineering Institute, Sofia [Original language version not given].

"Effect of Gallium Purity on Hydrogen Overvoltage"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 18, No 11, 1965, pp 1023-1026

Abstract: [English article] While data on hydrogen-liquid gallium found in the literature are in satisfactory agreement, data on solid gallium in dilute HCl and NH_4SO_4 solutions seem to be conflicting. Consequently, the authors carried out careful investigations of the hydrogen overvoltage using gallium samples of a differing degree of purity. The analysis of the results shows that the purity of the metal greatly affects the hydrogen overvoltage in solid gallium. However, the dependence is not a simple one since the effect appears to depend on the nature and the quantitative ratio of different contaminant components. This paper was presented by Corresponding Member St. Christov on 22 July 1965. Orig. art. has: 3 figures. [JPRS: 26,002]

TOPIC TAGS: gallium, liquid metal

SUB CODE: 07,11 / SUBM DATE: 22 Jul 65 / ORIG REF: 002 / SOV REF: 002
OTH REF: 002

Card 1/1

pb

0922 0029

RAICHEV, Svetoslav

Relationship between the skin thickness and some production
indexes in sheep. Selskoston nauka 2 no.7:838-841 '63.

RAICHEVA, S.; ANDREEVA, L.

Polarization curves for electrolytic hydrogen evolution on gallium in sulfuric acid solutions. Doklady BAN 17 no.12:1111-1114 '64.

1. Chemical and Technological Institute, Sofia. Submitted August 7, 1964.

CHRISTOV, S. [Khristov, S.]; RAJCEVA, T. [Raicheva, T.]

Hydrogen overvoltage in hard and liquid gallium depending on temperature. Doklady BAN 15 no.5:515-518 '62.

1. Lehrstuhl für physikalische Chemie und Electrochemie am Chemisch-Technologischen Institut, Sofia.

RAICHINOV, I.; GUSHEV, L.; NAKOV, T.

Movement of the center of gravity of a heat substance in nonlinear correlations. Godishnik Min geol inst 8:291-297 '61-'62[publ.'63].

RAICHKIN, Iv., St. as.

A class of linear operators. Godishnik Min geol inst 9:429-430
'63[publ. '64].

RAICHL, Jiri

"Digital data processing machines" by Walter Hoffmann.
Reviewed by Jiri Raichl. Aplikace mat 8 no.1:71-72
'63.

S/194/62/000/012/001/101
D201/D308

AUTHOR: Raichl, Jiří

TITLE: The solution of the first boundary value problem of Laplace's equation on a tabulating machine

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 3, abstract 12-1-5 ts (Stroje na zpracov. inform., v. 2, 1954, 147-155 (Czech.; summaries in Rus. and Eng.))

TEXT: The described solution of the first boundary value problem of the Laplace equation by the lattice method for a two-dimensional space with a complicated outline, was adapted for realization on a tabulating machine of the Aritma system, manufactured in Czechoslovakia. The program of the solution is formulated; it reduces to the iterated solution of linear equations determining the 'potential' of a point of the lattice as the arithmetical mean of 'potentials' of four adjacent points. The sequence of operations with the switching panel of the tabulator and with the punch card for

Card 1/2

The solution of the ...

S/194/62/000/012/001/101
D201/D308

program setting is given. The method can be extended to three-dimensional Laplace equations and to general elliptic equations of the second order. 12 references. [Abstracter's note: Complete translation.]

Card 2/2

RAICHL, Jiri

"Electronic digital computers" by A.I.Kitov. Reviewed by Jiri Raichl. Aplikace mat 6 no.6:470-471 '61.

L 23927-66 EEC(k)-2/EWP(1) IJF(c) BB/GG

ACC NR: NT5027858

SOURCE CODE: CZ/2503/65/000/011/0227/0246

AUTHOR: Raichl, Jiri -- Raikh1 Yirzhi

48

ORG: Center of Numerical Mathematics, Prague

B+1

TITLE: An attempt to construct a formulational language for data processing

166

SOURCE: Ceskoslovenska akademie ved. Vyzkumny ustav matematickych stroju. Stroje na zpracovani informaci, no. 11, 1965, 227-246

TOPIC TAGS: data processing, data processing system, computer language

ABSTRACT: In this paper the author makes an attempt to construct a language for the solution of certain data processing problems, such as payroll computation, stock control, production statistics, etc. The language discussed is termed by the author as a formulational one; instead of extensive use of algorithmic solutions, it requires the formulation of relationships only. It is designed for an area which can be characterized by the following restrictions: 1) the whole problem is solvable on the basis of the initial ordering of files; and 2) the problem is found by finding one-output. The language contains only some algorithmic elements. The author does not give any details of the language.

[KS]

2

Card 1/2

L 23927-66

ACC NR: AT5027858

SUB CODE: 09, 05/

SUBM DATE: 10Jan64/
SOV REF: 001/

ORIG REF: 001/
OTH REF: 001/

Card 2/2 *OK*

RAICHL, J.

2231:

Raichl, Jiří. ¹² Solution of a meteorological problem on punched-card machines. *Stroje na Zpracování Informací* 3 (1955), 101-127 (1956). (Czech. Russian and English summaries)

A meteorological problem, consisting of the initial tendencies of the 500 mb isobaric surface according to the barotropic vorticity equation, has been evaluated, using punched-card machines of the Powers type. The mathematical formulation of the problem is discussed, and the difference equations together with the boundary conditions are expressed. Methods of numerical solution of the difference analogue of the Poisson equation are considered. The most suitable method for punched-card machines seems to be that of the Fourier transformation, for which a detailed program is presented. It consists of a

GL
1/4 list of 37 manipulations of the punched cards. One computation involved about 300,000 arithmetic operations.
V. Vand (University Park, Pa.)

ER

RAICHL, Jiri

"Data processing machines." Vol. 8. Reviewed by Jiri Raichl.
Pokroky mat fyz astr 8 no.4:248 '63.

Raichl, Jiri

Raichl, Jiri. Solution of the Laplace equation for
boundary conditions of the first kind on punched card
machines. Stroj na Zpracování Informací 2, 147-155
(1954). (Czech. Russian and English summaries)

1 - F/W

[Handwritten signature]

RAICHL. J.

SCIENCE

Periodicals: BULLETEN ASTRONOMICIESKIH INSTITUTOV CZECHOSLOVAKII.
BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA.
Vol. 10, no. 2, Mar. 1959

RAICHL. J. The variation of frontal areas of meteors. In Russian. p. 45.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

KRICH, J.

The economical coding of high-order matrices for automatic computers. p. 257.
(STROJE NA ZPRACOVANI INFORMACI, Vol. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (MEAL) IC, Vol. 6, No. 12, Dec 1957. Uncl.

RAICHLE, J.

Punched-card tables with a variable interval. p. 297.

(STROMA NA ZPRACOVANI INFORMACI, Vol. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (JMAL) LC, Vol. 6, no. 12, Dec 1957. Incl.

L 45465-66

ACC NR: AT6033362

SOURCE CODE: HU/2505/65/026/01-/0191/0192

AUTHOR: Bittman, E.; Raiciulescu, N.

ORG: "D. Danielopolu" Institute of Normal and Pathological Physiology, Bucharest

TITLE: Effects of the mesencephalic reticular formation on some autonomic reflexes
[Paper presented at the symposium of the Hungarian Physiological Society held in
Budapest from 2-3 July 1963]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 1-2, 1965, 191-192

TOPIC TAGS: cat, dog, brain, neurophysiology, reflex activity

ABSTRACT: The effect of electrical stimulation of the mesencephalic reticular formation on some sympathetic and parasympathetic autonomic reflexes has been studied in acute experiments on cats and dogs under anaesthesia. In one set of experiments, the effect of liminal and supraliminal stimulation of the mesencephalic reticular formation by means of monophasic square wave current was studied on the carotid pressor reflex induced by bilateral occlusion of the common carotid for 15-20 sec. In another set of experiments, the effect of similar stimulation on the mesencephalic reticular formation was studied on the vesico-constrictor reflex induced by stimulation with monophasic rectangular pulses of the central end of the transected pelvic nerve. The results are discussed briefly in the report. A comparison of the two sets of experiments indicates that stimulation of the mesencephalic reticular formation usually facilitates the carotid sinus pressor reflex and inhibits the vesico-constrictor pelvic reflex. The functional significance of this finding has been discussed in the original article. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

0920 1384

ROBIN, S.; RUCIULESCU, N.

Arterial hypertension caused by carotid vascular occlusion.
Stud. cercet. med. intern. 5 no.5:481-491 '62

RAICU, C.; ANTONESCU, A.

Contributions to the knowledge of the pathogenic agent provoking the rotting of seeds and the withering of plants of cotton. p. 345.

STUDII SI CERCETARI DE BIOLOGIE. SERIA BIOLOGIE VEGETALA. Bucuresti, *Romania*
Vol. 10, no. 4, 1958.

Monthly List of East Accessions (EAI) IC, Vol. 9, no. 1, January 1960.

Uncl.

RAICU, P.

RUMANIA/Cultivated Plants - Grains

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82275

Author : Manoliu, M., Raicu, P.

Inst : Scientific Institute of Agriculture

Title : Investigations on the Problem of the Effect of Light Conditions on the Growth and Development of Spring Wheat Varieties Cultivated in the Rumanian People's Republic

Orig Pub : Anuarul lucrar. stiint. Inst. agron., 1957, 141-157

Abstract : Investigations were conducted in vegetation vessels at the Institute of Agriculture (Bucharest) with varieties: Lutescens 62, Ikar-142, Akademiya RPR-48, Markiz, Arnautka Nemerchanskaya and Melyanopus 69. With the exception of Arnautka Nemerchanskaya, the spring varieties have a light stage of 30 days. The spring varieties have

Card 1/2

- 18 -

Genetics

RUMANIA

RAICU, P., Dr, and RADU, Marica, Dr, Bucharest [affiliation not given]

"Molecular Bases of the Mutagenic Process."

Bucharest, Natura. Seria Biologie, Vol 18, No 1, Jan-Feb 66, pp 9-20.

Abstract: The authors discuss the factors leading to the appearance of mutations, and suggest their classification into five distinct groups: factors preventing the formation of precursor nucleic acids; factors leading to the inclusion of some analogs of the nitrogen bases in the nucleic acid macromolecules; chemical factors with various actions on nucleic acids; mutations caused by errors in the replication of DNA and RNA; and physical factors including ionizing and non-ionizing radiation, temperature variations and ultra-centrifugation.

RUMANIA/Human and Animal Physiology (Normal and Pathological) T
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27045

Author : Giurgea, C., Raiciulescu, H., Marcovici, Graziella

Inst : -

Title : Interhemispheric Conditioned Reflexes, Produced in
Direct Stimulation of the Cortex, After Injury of Corpus
Callosum. Anatomical and Histological Study.

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 5, 408-413

Abstract : Data is cited of a macro- and microscopic study of the
brain of dogs, in which interhemispheric conditioned
reflexes in direct stimulation of the cortex were obtained
preliminarily, which remained unchanged after trans-
section of the corpus callosum in sagittal and frontal
projections.

Card 1/1

- 120 -

BITTMAN, E.; RAICIULESCU, N.

Effects of the mesencephalic reticular formation on some vegetative reflexes. Acta physiol. acad. sci. Hung. 26 no.1:191-192 '65

1. "D. Danielopolu" Institute of Normal and Pathological Physiology, Bucharest, Rumania.

RUMANIA/Human and Animal Physiology (Normal and Pathological) T
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27046

Author : Giurgea, C., Raiciulescu, N.

Inst : -

Title : New Data Regarding a Conditioned Reflex Induced by
Direct Stimulation of Cerebral Cortex. I. Production of
a Temporary Bond Between Exteroceptive Stimulation (Op-
tical and Auditory) and Indirect Electrical Stimulation
of Cortical Motor Zone. II. Production of a Temporary
Bond by Direct Stimulation of Two Points of the Cortex
Located in Different Hemispheres of the Cerebrum.

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 3, 218-225

Abstract : Conditioned motor reactions to a combination of optical
or auditory stimuli with electrical stimulation of the
motor zone of the cortex in dog were observed beginning
with the 20-25th combination. In combination of direct

Card 1/2

HUNGARY

BITTMAN, S., RAICIULESCU, N.; "D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of Sciences [original language version not given], Bucharest, Rumania.

"Summation Phenomena in the Autonomic Nervous System."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIV, No 1, 1963, pages 101-115.

Abstract: [English article, authors' English summary] Acute experiments have been performed on 16 dogs and 27 cats (curare and chloralose anaesthesia), to study the tensional phenomena occurring in simultaneous activation of the central vegetative projections which play a role in the control of arterial blood pressure. Thus, besides some tensional changes which take place at simultaneous activation of the cortical and hypothalamic vasomotor projections, the relations between hypothalamus and midbrain reticular formation have been investigated, using as indicator the phasic changes of arterial blood pressure brought about by electric stimulation of those two nervous centers. Likewise, investigations have been carried out concerning the effect of hypothalamus and midbrain reticular formation stimulation on the sinocarotic pressor reflex induced by bilateral occlusion of the common carotid arteries. The results obtained indicated that simultaneous stimulation of the pressor points of the motor cortex and the hypothalamus and anterior rhinencephalon in dogs and cats induces a phenomenon of spatial summation generally, and an effect of the occlusive type, rarely.

1/2

18

BITTMAN, E.; RAICIULESCU, N.

Summation phenomena in the autonomic nervous system. Acta
physiol. acad. sci. Hung. 24 no.1:101-115 '63.

I. D. Danielopolu" Institute of Normal and Pathological
Physiology, Academy of Sciences, Bucharest, Rumania.
(AUTONOMIC NERVOUS SYSTEM) (BLOOD PRESSURE)
(HYPOTHALAMUS) (LIMBIC SYSTEM)
(RETICULAR FORMATION)
(BRAIN ELECTROPHYSIOLOGY)

RUMANIA/Human and Animal Physiology (Normal and Pathological). T-12
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51323

Author : Raiciulescu, N., Giurgea, G.

Inst : -

Title : Interhemispheric Conditioned Reflex in Direct Stimulation
of the Cerebral Cortex after Complete Severance of Corpus
Callosum.

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 4, 336-340.

Abstract : In 2 dogs with severed corpora callosa and with electrodes
inserted into frontal and motor sectors of both hemispheres,
temporary connections were produced by combining the
stimulations which were induced in both sectors by electric
current. The conditioned reflex, consisting in turning of
the head, was produced after 22-24 stimulations. Then it
became inhibited and disappeared under the influence of

Card 1/2

- 129 -

RAICIULESCU, N.; BITTMAN, E.

Vasomotor effects of hypothalamo-reticular interrelations. Rev.
sci. med. 7 no.3/4:193-196 '62.

(HYPOTHALAMUS)	(MESENCEPHALON)	(RETICULAR FORMATION)
(VASOMOTOR SYSTEM)	(BLOOD PRESSURE)	

EXCERPTA MEDICA Sec 6 Vol 13/3 Internal Med. Mar. 59.

1524. INFECTIOUS HEPATITIS COMPLICATED BY ACUTE FEBRILE HAEMOLYTIC ANAEMIA - Anemie hemolitică acută febrilă, complicație a hepatitei epidemice - Bruckner I. and Raiciulescu N. - MED. INTERNA (București) 1958, 10/1 (133-136) Tables I

The complication occurred 3 weeks after the onset of the disease; the haemolysis disappeared after an anaphylactic shock provoked by administration of plasma transfusions.

Nicolaescu - Bucharest (L,6)

RAICIULESCU, N.; BITTMAN, E.; BARTEL, R.

Studies on some pharmacodynamic properties of hydroxyzine (atarax).
Acta physiol. hung. 15 no.2:201-215 1959.

1. (Institut de Physiologie Normale et Pathologique Prof. Dr. D.
Danielopolu de l'Academie de la Republique populaire Roumaine,
Bucarest.

(TRANQUILIZING AGENTS

hydroxyzine, pharmacodynamics (Fr))

RAICIULESCU, N.; CONSTANTINESCU, M.; BITTMAN, E.

Quantitative aspects of tensional effects produced by electric excitation of some vegetative central structure; a preliminary note. Studii cerc.fiziol. 4 no.3:397-408 '59. (KEAI 9:5)

1. Institutul de fiziologi normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
(BRAIN) (ELECTROTHERAPEUTICS)

EXCERPTA MEDICA Sec.11 Vol.10/7 Oto-Rhino-Laryngo Jul57
RAICIULESCU N.

1317. RAICIULESCU N. and BALACEANU-STOLNICI C. Cat. de Fiziol. Norm. și Patol. a I.P.S.M., București. *Studiul factorilor experimentali care influențează fenomenul de compensare labirintică. Acțiunea durerii și a temperaturii asupra sindromului vestibular necompensat și compensat produs prin distrugerea unilaterală a labirintului. Experimental factors influencing vestibular compensation. Effects of temperature and pain on the uncompensated and compensated vestibular syndrome after unilateral destruction of the labyrinth in cats and dogs REV. FIZIOL. NORM. PATOL. 1956, 3/2 (252-256)

Painful electrical stimulation in the uncompensated vestibular syndrome produces first an acceleration of the rhythm of nystagmus and then a cessation of the nystagmus for the whole duration of faradization. It may decompensate the syndrome during the first stages of compensation. Rise of temperature above 40°, induced by the action of ultrashort waves, causes an acceleration of nystagmus which disap-

1317

pears as the temperature falls again. It also has a very slight effect on the compensation phenomena but only in the first stage.

Gaur - Bucharest (II, 8, II)

_____, N.

Contributions to the problem of the localization of cortical inhibition (inhibition of differentiation).

p. 43 (Academia Republicii Populare Romane. Institutul de Fiziologie Normala si Patologica. Studii Si Cercetari De Fiziologie. Vol. 1, no. 1/2, Jan./June 1956 Bucharest, Rumania)

Monthly index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

2234.11.22.50.6.11
EXCERPTA MEDICA Sec.2 Vol.11/5 Physiology, etc. May 58

2234. AN INTERHEMISPHERIC CONDITIONED REFLEX INDUCED BY DIRECT ELECTRICAL STIMULATION OF THE CEREBRAL CORTEX AFTER SECTION OF THE CORPUS CALLOSUM - Reflex condiționat interemisferic prin excitarea electrică directă a scoarței cerebrale după secționarea corpului calos - Răiciulescu N. and Giurgea C. Inst. de Fiziol. Normală și Patol., București - REV. FIZIOL. NORM-PATOL. 1957, 4/4 (336-340) Illus. 1

Attention was drawn in previous publications to the existence of temporary inter-hemispheric connections, as shown by an associated direct stimulation of the occipital cortex of one hemisphere and the motor cortex of the other one. After several such associations, the stimulation of the occipital cortex produced the same (conditioned) response as stimulation of the motor area. It is now shown that this phenomenon remains unchanged after section of the corpus callosum. Chlorpromazine has the same inhibitory effect (clinical and EEG) on the reflex as in animals with the corpus callosum intact.

EXCERPTA MEDICA Sec.2 Vol.10/7 Phy.Biochem. July 57

2993. RAICIULESCU N., GIURGEA C. and SAVESCU V. Reflex conditionat la excitarea directa a cortexului cerebral dupa distrugerea ganglionului Gasser *Conditioned reflex to direct stimulation of the cerebral cortex after extirpation of the gasserian ganglion* Rev. Fiziol. norm. patol. 1956, 3/3 (304—308)

After unilateral destruction of the ganglion in 3 dogs, 2 electrodes were implanted in the skull on the same side, one over the sigmoid gyrus and the other over the occipital lobe. A temporary linkage between these regions was established, as shown by the fact that after several associations of electrical stimulation of the occipital lobe with that of the motor area, the animals responded by a motor reflex to stimulation of the optic lobe alone. This reflex did not differ in any respect from the same reflex as elaborated in intact dogs.

Graur — Bucharest

BITTMAN, E.; RAICIULESCU, N.

Stereotaxic localization of the mesencephalic reticular formation
in mongrel dogs. Acta physiol. hung. 20 no.1:51-54 '61.

1. Institute for Normal and Pathological Physiology "Prof D.Danielopolu"
of the Academy of The Rumanian People's Republic,
(MESENCEPHALON anatomy and histology)

BRUCKNER, I., prof.; RAICIULESCU, N., dr.; CANTACUZINO, D., dr.

Contribution to the problem of the relations between the central nervous system and the liver. Narcolepsy and acrocyanosis associated with chronic hepatitis. Med. intern., Bucur 12 no.12:1785-1793 D '60.

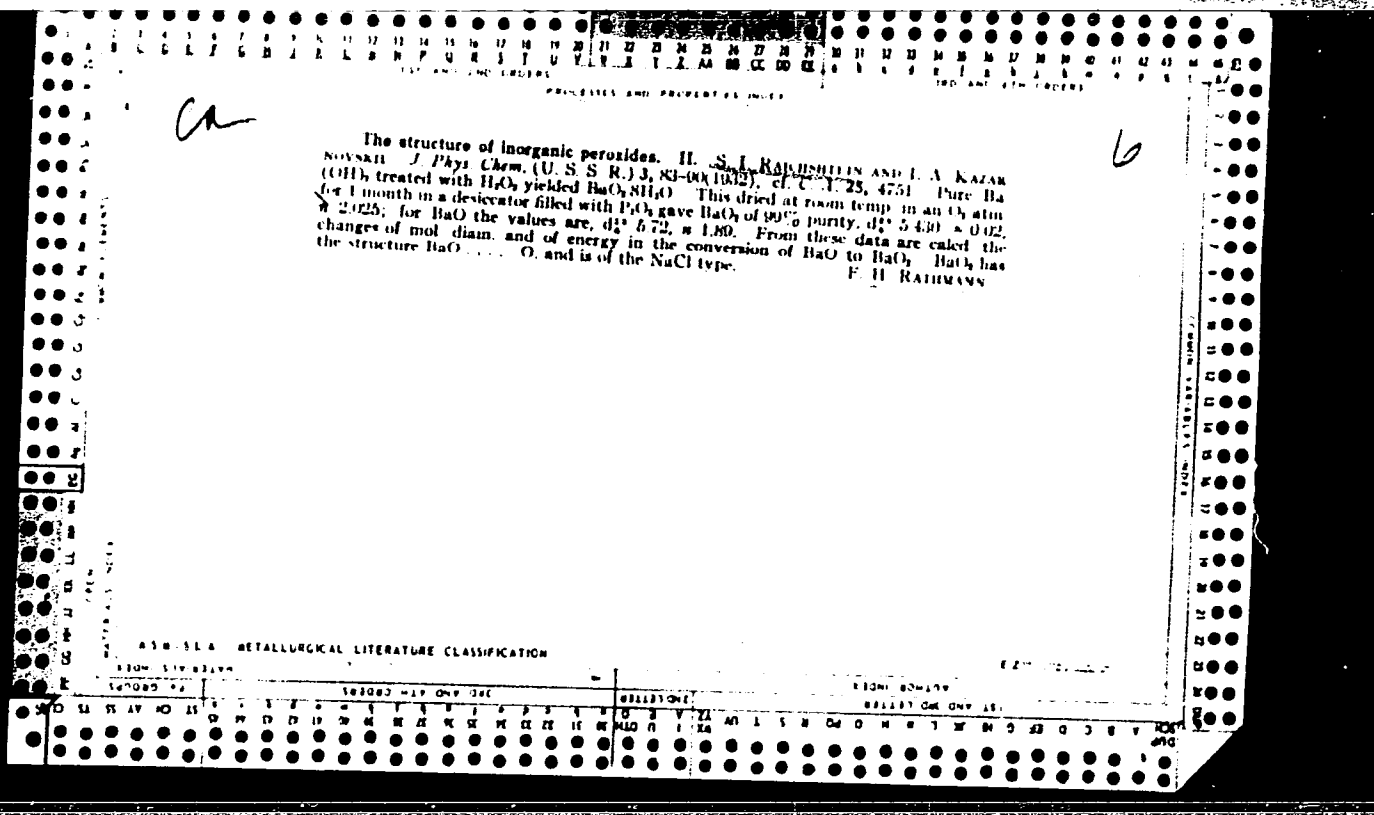
(HEPATITIS complications) (NEUROLOGIC MANIFESTATIONS)

RAICIULESCU, N.; SCHIAU, S.; BITTMAN, E.; STOENESCU, R.

A method for stereotaxic localization of the hypothalamus in mongrel dogs. Acta physiol. hung. 20 no.1:55-60 '61.

1. Institute for Normal and Pathological Physiology "Prof. D.Danielopolu" of the Academy of the Rumanian People's Republic, Bucarest.

(HYPOTHALAMUS anatomy and histology)



Structure of calcium peroxide. V. Kotov and S. Rakhstein (*J. Phys. Chem. Russ.*, 1941, 15, 1037—1038).—The space-group of CaO_2 is D_{2h}^{17} , a 5.01, c 5.92 Å, ρ from X-ray spacings is 3.20, and from pyknometer data 2.92. J. J. H.

RAICK, S. E.

"Sur le mecanisme des transformations catalytiques des hydrocarbures polymethileniques."
by Raick, S. E. (p 324)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1941, vol 11, no 1.

RAICOV, R.

"A song of happiness."

p. 17 (Drumul Belsugului) No. 12, Dec. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

PAICOVICIANU, A.

Professor Gheorghe Z. Petrescu, Rumanian iatric historiographer(1874-1954).

p. 63.

(Ocrotirea Sanatatii In R.P.R., Vol. 7, No/ 1. Jan/Mar. 1957, Bucuresti, Rumania)

SO: Monthly List of East European accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

RAICS, Jeno, Dr.; ARVAY, Sandor, Dr.

Experiences with the artificial interruption of pregnancy. *Magy. noorv.*
lap. 21 no.5:249-260 Oct 58.

1. A Debreceni Orvostudományi Egyetem Szülészeti és Nőgyógyászati klinik-
ájának közleménye (Igazgató: Arvay Sandor, egyetemi tanár).
(ABORTION, THERAPEUTIC, compl.
follow up (Hun))

RAICS, Jeno, dr.

Significance of prenatal care in connection with obstetrical complications. Magy. noorv. lap. 20 no.1:42-50 Feb 57.

1. A Debreceni Orvostudományi Egyetem Szülészeti és
Nőgyógyászati klinikájának közleménye (Igazgató: Árvay, Sándor,
dr. egyetemi tanár.

(PRENATAL CARE

eff. on incidence of compl. in prenatal care clinics
in Hungary (Hun))

RAICS, J.

Protection of women in cases of stillbirths occurring at home; results of a study of data on 295,927 births. p. 40. (Nepegeszsegugy, Budapest, Vol 36, no. 2, Feb. 1955)

30: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

RAICS, Jeno, dr.

Causes of stillbirth in home deliveries in relation to protection of the pregnant women on the basis of findings in 295,927 cases of birth. Nepegeszsegugy 36 no.2:40-49 Feb 55

1. Kozlemenye a Debreceni Orvostudományi Egyetem Szülő- és Nőbeteg klinikájáról (Igazgató: Arvay Sándor dr. egyetemi tanár)
(STILLBIRTH, etiology and pathogenesis
causes, relation to protection of mothers)
(MATERNAL WELFARE
relation to causes of stillbirth)

ROMANESCU, H.; RAICU, A.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001344020007-0"

On the geometry of spherical tanks. Bul Inst Petrol Rum
9: 171-187 '63.

~~SECRET (in copy); given name~~

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicările Academiei Republicii Populare Române,
Vol 11, No 6, 1961, pp 695-700.

Item:

"A Contribution to the Knowledge of the Parasytic Micro-
mycetes of Medicinal Plants."

SAVULESCU, Alice: RAICU, Cristina

Contributions to the study of the pathogenic agent of seed-rot and
damping-off of cotton seedings. Rev biol 4 no.2:231-245 '59.
(EEAI 9:8)

1. Corresponding member of the Academy of the R.P.R. (for Savulescu)
(COTTON) (DAMPING-OFF DISEASES)

RAICU, Cristina

Parasitic micromycetes of medicinal plants. Comunicare AR 11 no.6:
695-700 Je '61.

1. Comunicare prezentata de Alice Savulescu, membru corespondent
al Academiei R.P.R.

SEVCFNCO, Victoria; RAICU, Cristina

Some new micromycetes in Rumania. Comunicare AR 11 no.6:689-694
Je '61.

1. Comunicare prezentata de Alice Savulescu, membru corespondent
al Academiei R.P.R.

~~SECRET (IN U.S.)//NOFORN~~

Country: Rumania

Academic Degree: Engineer

Affiliation: Polytechnic Institute (Institutul Politehnic), Bucharest.

Source: Bucharest, Stinta si Tehnica, No 4, 1961, pp 16-17.

Data: "The Radio-Telephone Dispatcher."

33958

R/005/62/000/001/003/003
D014/D105

9,1400

AUTHOR: Raicu, D., Engineer

TITLE: Reflectometer with coupled lines

PERIODICAL: Telecomunicatii, no. 1, 1962, 31 - 38

TEXT: The article deals with reflectometers with coupled lines as recommended by M.S. Neiman and A.A. Pistolikors [Ref 1: Elektrosvyazi, 1941, no. 4] analyzing the propagation conditions on two lines and the construction possibilities of various types of reflectometers. The author briefly describes the operation principle of the reflectometer with coupled lines, pointing out that the direct and the reflected voltage or current waves are not exactly proportional. For this purpose he conducts a more thorough investigation on the reflectometer, determining the disturbances produced by the second line in the main line. He derives the expression of the direct and reflected voltage and current waves on the basis of the distribution law of the voltage and current in the main line, describes the principles of the current reflectometer and voltage reflectometer, explains the measuring of the phase of the reflection coefficient and the

Card 1/3

33958

R/005/62/000/001/003/003
D014/D105

Reflectometer with coupled lines

disturbances introduced by the reflectometer in the transmission line presents the expression of the input impedance of the line to which the reflectometer is coupled and the systematic errors arising at the measurement of the reflection coefficient, and, finally, describes some other possibilities in building reflectometers. Conclusions: The operation of a reflectometer as a measuring instrument is connected with a systematic error. The coupling of the reflectometer to the main power line disturbs the current and the voltage, making the direct and reflected current and voltage waves disproportional. Thus, precision measuring of the direct and reflected wave requires a reference either to current waves or voltage waves, obtaining thus a current or voltage reflectometer. The current reflectometer consists of a line terminated at both ends by its characteristic impedance. Disturbances produced in the first line by the coupling of the reflectometer are transduced by the appearance of some stationary voltage or current components which disturb the existing spatial distributions. At the same time, the input impedance of the primary line appears corrected by a factor which expresses the power consumption of the reflectometer and the modification of the reactive components. All disturbances introduced by the reflectometer and the error appearing at the measuring of the reflection coefficient module

Card 2/3

33958

R/005/62/000/001/003/003

D014/D105

Reflectometer with coupled lines

against the same magnitude without coupling, are proportional to the factor

ν^2 expressing the coupling. A weakly coupled reflectometer is used to fulfill the function of a voltage and a current reflectometer, since both types of reflectometers tend towards a common limit when ν tends towards zero. However, a reduction of the coupling leads to a reduction of the voltage measured at the terminals of the two impedances of the reflectometer. Optimum situation can be found by considering that the harmful effects are proportional to ν^2 , and the useful effects to ν . The operation of the reflectometer is independent of

the frequency and length of the secondary line. The sensitivity, however, is proportional to $\sin \beta l$. The measuring of the reflection coefficient phase is more complicated than the measuring of the module. There are 6 figures and 7 references: 4 Soviet-bloc, 1 non-Soviet-bloc and 2 unidentified.

Card 3/3

RAICU, Dan, ing.

Maximum power transfer through selective circuits with losses.
Telecomunicatii 6 no.6:257-262 N-D '62.

RAICU, E., ing.

Productive breeds. St si Teh Buc 14 no.5:5 My '62

1. Scientific Secretary, Institute of Zootechnic Research.

RUMANIA

RAICU, E., Eng, and BICA, M., Dr, of the Zootechnical Research Institute (Institutul de Cercetari Zootehnice).

"The Utilization of Siloed Corn in the Fattening of Young Cattle."

Eucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 9 Sep 63, pp 29-34.

Abstract: Describes an experiment performed in order to determine the optimal percentage of siloed corn to be used in the feeding of young cattle being fattened. The results indicate that 43 to 50 percent of siloed corn in the food of calves between the ages of 7 and 9 months is the most advisable proportion. The addition of about 100 grams of digestible albumin contributes to a daily weight increase of 900 grams.

Includes 1 figure, 1 illustration, 6 tables and 10 references, of which 1 Bulgarian and 9 Russian.

RAICU, P., conf. univ.

Nucleic acids and heredity. St si Teh Buc 16 no.2:22-26 F '64.

1. Sef de laborator la Institutul de biologie al Academiei R.P.R.

RAICU, Petre

Vegetative hybridization in maize. Rev biol 5 no.1/2:19-32 '60.
(EZAI 10:9)

1. Comite de redaction, "Revue de Biologie".

(Corn(Maize)) (Hybridization)

RAICU, P.; CONSTANTINESCU, D.; OLTEANU, V.; RETEZANU, M.; TARPO, E.

Contributions to the study of certain polyploid lines of
Datura stramonium L., obtained with the aid of colchicine. Rev
biol 7 no.3:381-394 '62.

1. Institut de Biologie "Traian Savulescu", Laboratoire de
génétique végétale. 2. Membre du Comité de rédaction, "Revue de
biologie" (for Raicu).

RAICU, P.; ELIAS, M.

Influence of the DNA preparation on the growth and pigmentation of wheat coleoptiles. Studii cerc biochimie 7 no.1:91-95 '64.

1. Laboratory of Vegetable Genetics of the Institute of Biology "Traian Savulescu", Rumanian Academy.

RAICU, P.; RAIU, Marica

Study of the heterosis and segregation phenomenon in the tomato hybrids descended from pollination with a pollen mixture. Rev biol 8 no. 1: 37-66 '63.

1. Universite de Bucarest, Faculte des Sciences Naturelles, Chaire de genetique.

RAISON, P., cont. univ.

Plant interspecific hybridization. St of Tex Soc 11 no.2:10-11
P 162.

-RAYKU, P. [Raicu, P.]; RADU, M.

"Multiple" fertilization in wheat. Agrobiologia no.4:530-536 J1-Ag '64.
(MIRA 17:12)

1. Laboratoriya genetiki Bukharestskogo universiteta, Rumynskaya
Narodnaya Respublika.

RAICU, P., conf. univ.; BRATOSIN, S.

(Bucuresti)

First Rumanian Symposium on Genetics. Natura Biologie 16 no.4:
94-96 JI-Ag'64

RAICU, Patro, conf. univ.

Modifications of heredity. St si Teh Buc 14 no.12;
18-21 D'62.

RAICU, Petre, conf. univ.

Nucleic acids and heredity. St si Teh Buc 16 no. 1:
6-8 Ja '64.

1. Sef de laborator la Institutul de biologie al Academiei
R.P.R.

RAICU, Petre, conf. univ.

Cytoplasmic heredity. St si Teh. Buc 16 no. 5: 38-40
May '64.

1. Head of Laboratory of the Institute of Biology of the
Rumanian Academy.

RAICU, Petre, conf.univ.

Heredity mutations. St si Teh Buc 14 no.12:18-21 D'62.

RAICU, Petre

Studies on the vegetative hybridization of maize. Studii cerc biol
veget 12 no.3:299-316 '60. (EEAI 10:5)
(Corn (Maize)) (Hybridization)

RAICU, Serban, ing.

On the computing method of optimum variants of train formation plans. Rev caller for 11 no.8:439-446 Ag '63.

1. Institutul Politehnic Bucuresti.

POPESCU, Ch., ing. (Bucuresti); RAICU, V., ing. (Bucuresti); LEFTER, C.,
ing. (Bucuresti)

Service life laws of electric insulating material. Electrotehnica
10 no.11:419-425 N '62.

1. Conferentiar la Institutul Politehnic Bucuresti (for Popescu).
2. Asistent la Institutul Politehnic Bucuresti (for Raicu, Letfer).

RAICU, V.

RUMANIA / Zooparasitology. Mites and Insects - 0-4
Carriers of Disease Agents

Abs Jour: Ref Zhur-Biol., No 20, 1958, 91072

Author : Lupescu, Gh., Duport, M., Cristescu, A.,
Manoliu, C., Raicu, V.

Inst : Not given

Title : Phlebotomus Perfilliewi in Rumania: Its Ecology
and Phenology.

Orig Pub: Studii si cercetari inframicrobiol., microbiol.
si parazitol., 1957, 8, No 1, 121-130 (Rumanian;
res. Russ., Fr.)

Abstract: Craiova is one of the regions where Phlebotomus
papatasi is widespread. It was here in rodent
burrows and in bird nests that Phl. perfilliewi
was first discovered. This species was also
found in three houses, in two of which cases

Card 1/2

33

Abs Jour: Ref Zhur-Biol., No 20, 1958, 91072

Abstract: of viscerous leishmaniasis had developed;
Papatasi was not observed in natural biotopes.
-- From the Author's resume.

IUPASCU, Gh.; DUPORE, M.; CRISTESCU, A.; MANOIU, C.; RAICU, V.

Presence in the Rumanian People's Republic of *Phlebotomus perfiliewi*
species. Stud. cercet. inframicrobiol., Bucur. 8 no.1:121-129 1957.

(LEPTOSPIRA

perfiliewi, distribution in Rumania, ecol. & phenol.)

POPESCU, Christina, ing. (Bucuresti); RAICU, Virgil, ing. (Bucuresti);
LEFTER, Cecilia, ing. (Bucuresti)

Accelerated functional tests on the life expectancy of electric
insulating materials. Electrotehnica 10 no.12:454-462 D '62.

1. Conferentiar la Institutul politehnic, Bucuresti (for Popescu.)
2. Asistent la institutul politehnic, Bucuresti (for Raicu, Lefter).

RADULET, Petrus, prof., dr., ing., laureat al Premiului de Stat (Bucuresti);
LEFTEP, Cecilia, ing., asistenta (Bucuresti); RAICU, Virgil, ing. (Bucuresti)

Encyclopedia of electroinsulating materials. Electrotehnica 10 no. 1:
18-29. Ia '61

1. Membru corespondent al Academiei R.F.R., Directorul Institutului de energetica al Academiei R.F.R., Profesor sef de catedra la Institutul politehnic, Bucuresti, si Membru al Comitetului de redactie, "Electrotehnica" (for Radulet).
2. Institutul politehnic, Bucuresti (for Lefter).
3. Sef de lucrari la Institutul politehnic, Bucuresti (for Raicu).

BITTMAN, E.; PAICULESCU, N.

A method for the stereotaxic localization of the mesencephalic reticulate formation in dogs. Studii cerc fiziol 5 no. 4: 767-771. 1960.

(Brain)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.

BRUCKNER, I., prof.; RAICULESCU, N.; CANTACUZINO, D.

Contributions to the problem of the relationship between the central nervous system and the liver. Narcolepsy and acrocyanosis associated with chronic hepatitis. Rumanian M Rev. no.3:30-36 '61.

(HEPATITIS, INFECTIOUS pathology) (BRAIN pathology)
(SLEEP DISORDERS etiology) (APPETITE DISORDERS etiology)
(CYANOSIS etiology)

BAIACEANU-STOINIEI, C.; RAICIULESCU, N.

Contributions to the study of the labyrinthic compensation phenomenon
& the part played by the reticulate substance in vestibular compensation.
Rumanian M. Rev. 1 no.2:53-56 Apr-June 57.

(LABYRINTH, eff. of excis.

unilateral in animals, vestibular compensation mechanisms)

(VESTIBULAR APPARATUS, physiol.

compensations mechanisms in unilateral labyrinth excis.
in animals)

BRUCKNER, I.; RAICIULESCU, N.

Acute febrile hemolytic anemia as a complication of epidemic hepatitis.
Med. int. Bucur. 10 no.1:133-136 Jan 58.

(HEPATITIS, INFECTIOUS, complications
anemia, hemolytic acute febrile)

(ANEMIA, HEMOLYTIC, case reports
acute febrile, caused by infect. hepatitis)

GLAVCEVA, Liuba; RAICULESCU, N.; BITTMAN, E.; GROZA, P.

Some aspects of the effect of the excitation of anterior hypothalamus on gastric functions; a preliminary note. Studii cerc fiziol 6 no.2: 301-310 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de fiziologie" (for Groza).

(HYPOTHALAMUS) (STOMACH)

RAICULESCU, N.; SCHIAU, S.; BITTMAN, E.; STOENESCU, R.

A method for determining the stereotactic hypothalamus in dogs. Studii
cerc fiziol 5 no.3:539-545 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(HYPOTHALAMUS) (X RAYS)

1

Gray iron castings for heavy machine parts (1) Ya. Rold. *Tekhnicheskaya*, No 6, 16-23 (1948). *Chem. Zvesti* 1950, II, 540. A review of the chemical composition and mechanical properties of various unalloyed and low alloyed gray cast irons to be used for the production of heavy machine parts for the foundry industry. M. G. Mosin.

ASB 55.4 METALLURGICAL LITERATURE CLASSIFICATION

KINGISEPP, Georg, prof. farmakologii; RAIDARU, A., red.

[Pharmacology] Farmakoloogia. Tallinn, Eesti Riiklik Kirjastus, 1963. 586 p. [In Estonian] (MIRA 17:5)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001344020007-0"

1. Tartovskiy gosudarstvennyy universitet (for kingisepp).

RAYDNA, E. [Raidna, E.]

Efficient use of fertilizers on a farm. Zemledelie 25 no.9:46-47
S '63. (MIRA 16:9)

1. Nachal'nik Khar'yuskogo proizvodstvennogo kol'khozno-sovkhoznogo
upravleniya Estonskoy SSR.
(Harju region--Fertilizers and manures)

RAIDNA, E.; REMELGAS, R.

Work results of the state farms and the tasks ahead. p.441

SOTSIALISTLIK POLITMAJANDUS. Tallinn, Estonia. Vol. 14, no. 10, May 1959

Monthly List of East European Accessions (EEAI), IC. Vol. 8, No. 9, September 1959
Uncl.

PROCESS AND PROPERTIES INDEX	
Dusts and gases produced by electric welding and methods of combating them. T. S. Raieva and T. S. Karacharov. <i>Izv. Vuzov</i> 14, 25-30, 1966. <i>Chimie & Industrie</i> 38, 473. In elec. welding with Fe electrodes the most dangerous products given off are Fe oxide powder and CO, together with small traces of N oxides. Recommendations are made as regards ventilation. A. P. C.	
ASH S.L.A. METALLURGICAL LITERATURE CLASSIFICATION	

RAIDIA, E.

Prospects for the development of the feed supply in Estonia. p. 249.

SOTSIALISTLIK POLLUMAJANDUS. (Pollumajanduse Ministeerium)
Tallinn, Estonia. Vol. 13, no. 6, June 1958.

Monthly list of East European Accessions (EEAI) Vol. 9, no. 1, Jan. 1960.

Uncl.

MARGUS, M.; VALMET, A.; VEENIMETS, K.; RAIET, E., red.; LUMET, E.,
tehn. red.

[Russian-Estonian silvicultural dictionary] Metsandulik vene-
eesti sonastik. Tallinn, Eesti Riiklik Kirjastus, 1962. 78 p.
(MIRA 15:10)

(Forests and forestry--Dictionaries)
(Russian language--Dictionaries--Estonian)

RAIETSKAI T.

✓Concentration of hemoglobin in the blood of some birds.
Alexandre Gelineo, T. Rucyskain, and Stefan Gelineo (Univ.
Belgrade). *Compt. rend. soc. biol.* 149, 1411-13(1955).—
Av. values for 11 wild species of birds from Yugoslavia
ranged from 12.0 to 15.7 g./100 cc. The av. for domestic
guinea fowl was 10.6 and for pigeons 14.8. The values were
slightly higher in males than in females in all species.
L. B. Gilson

PAIG, H.

Using slaughterhouse rests for fertilizer. p. 55

SOTSILKTLIK POLLUMJANDUS. POLLUMJANDUS MINISTEERIUM.
Tallin, Hungary. No. 1, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11
November 1959.

Uncl.

JANES, Harri, kand. med. nauk; RAIG, L., otv. red.

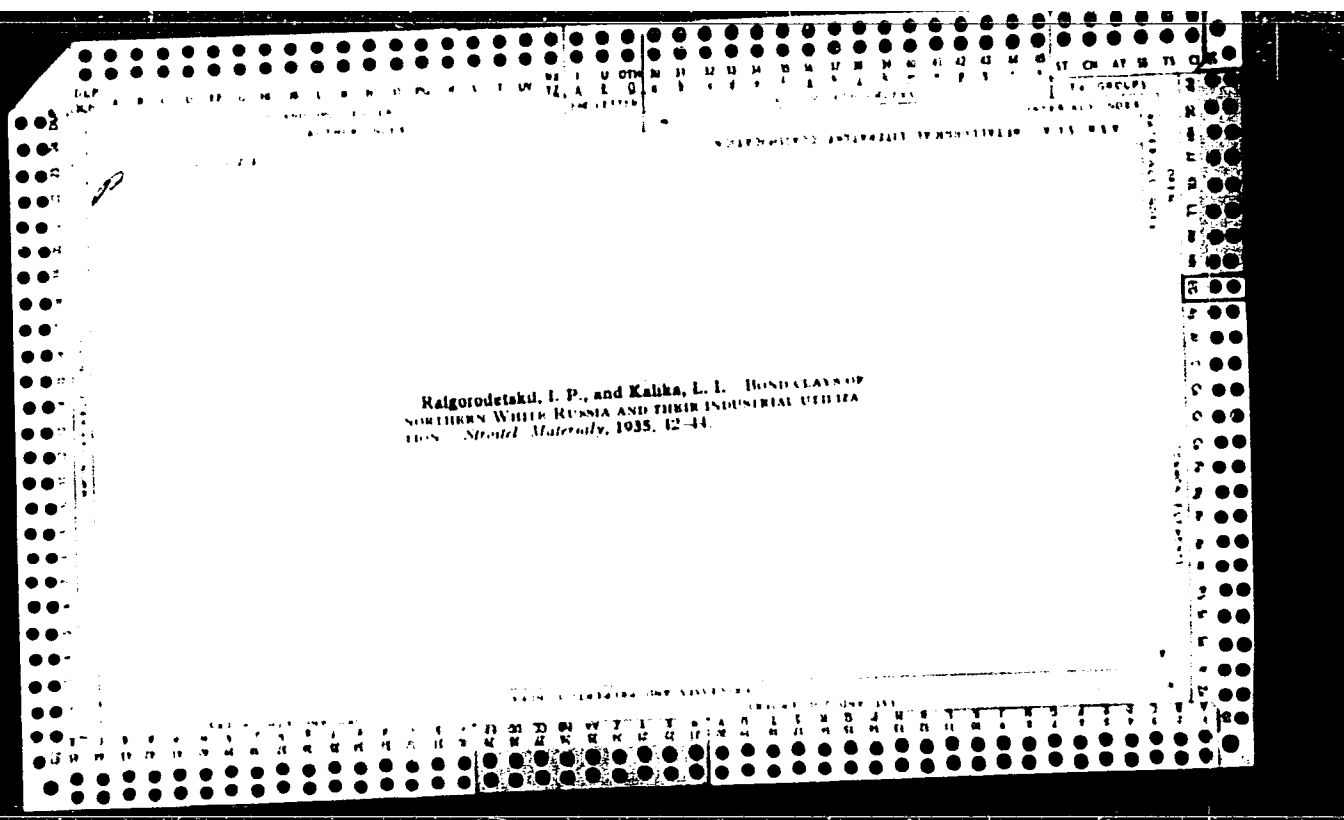
[Poisoning by pesticides and its prevention] Mürgistused
taimekaitsevahenditega ja nende vältimine. Tartu,
Vabariiklik Sanitaarhariduse Maja, 1963. 25 p. [In
Estonian] (MIRA 17:7)

U133, M.; RHC, M., otv. red.

[Minimum course in hygiene for public food workers]
Sanitaarmiinimumi kursus Ühiskondliku toitlustuse
ettevõtete töötajatele. 2. trükk. Tartu, Vabariiklik
sanitaarhariduse Maja, 1964. 79 p. [In Estonian]
(MIRA 18:1)

HONNIK, K., kand. tekhn. nauk; KALJUMAE, H., inzh. gidrotekhn.;
KASK, R., kand. sel'khoz. nauk; KATUS, A., inzh. lesnogo khoz.;
KILDEMAA, K., kand. geogr. nauk; KURKUS, J., agronom; LIPPMAA, A.,
inzh. gidrotekhn.; PANT, R., prepodavatel', agronom; RAIG, V.,
inzh. gidrotekhn.; REMEL, A., inzh. melior.; TALPSEPP, E., kand.
sel'khoz. nauk; SOOSAAR, V., inzh., lesnogo khoz.; STERNFELD, R.,
inzh. stroit.; TOMINGAS, E., inzh. melior.; KARUS, G., red.;
RAUD, M., red.; VAHTRE, I., tekhn. red.

[Handbook for soil improvement] Maaparanduse kasiraamat. Tal-
linn, Eesti riiklik kirjastus. Vol.1. [Fundamentals of soil
improvement] Maaparanduse alused. 1962. 473 p. (MIRA 15:5)
(Soils)



RAICHEVA, L.; PELOVA, N.

Atypical case of autochthonous visceral leishmaniasis and infarction of the right auricle resulting from associated atherosclerosis. Suvrem.med., Sofia no.11:88-92 '59.

1. Iz Katedrata po bolnichna terapiia pri VMI - Sofia. Zav. katedrata: prof. Al. Pukhlev. i Katedrata po patologichna anatomia pri VMI - Sofia. Zav. katedrata: prof. B. Kurdzhiev.

(LEISHMANIASIS VISCERAL compl.)

(MYOCARDIAL INFARCT compl.)

(ARTERIOSCLEROSIS compl.)

RAICHEVA, L.

Microflora in the rhizosphere, in the root zone, and on the roots of
vetch and oats. Izv Inst "Nikola Pushkarov" no.2:91-110 '62.

PUKHLEV, A., Prof.; RAICHEVA, L.I.

A peculiar type of familial pernicious anemia. Suvrem. med., Sofia 8
no.11:118-125 1957.

1. Iz Katedrata po bolnichna terapiia pri VMI - Sofia (Zav. katedrata:
prof. A. Pukhlev).

(ANEMIA, PERNICIOUS, case reports,
familial (Bul))

01749-57

T/EXP(1)/FRI

10/10

10/10/10/10

ACC NR: AP6035628

SOURCE CODE: B/0011/65/018/011/1023/1026

RAICHEVA, S., ANDREEVA, L., Chemical Engineering Institute, Sofia [Original language version not given].

"Effect of Gallium Purity on Hydrogen Overvoltage"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 18, No 11, 1965, pp 1023-1026

Abstract: [English article] While data on hydrogen-liquid gallium found in the literature are in satisfactory agreement, data on solid gallium in dilute HCl and NH_4SO_4 solutions seem to be conflicting. Consequently, the authors carried out careful investigations of the hydrogen overvoltage using gallium samples of a differing degree of purity. The analysis of the results shows that the purity of the metal greatly affects the hydrogen overvoltage in solid gallium. However, the dependence is not a simple one since the effect appears to depend on the nature and the quantitative ratio of different contaminant components. This paper was presented by Corresponding Member St. Christov on 22 July 1965. Orig. art. has: 3 figures. [JPRS: 26,002]

TOPIC TAGS: gallium, liquid metal

SUB CODE: 07,11 / SUBM DATE: 22 Jul 65 / ORIG REF: 002 / SOV REF: 002
OTH REF: 002

Card 1/1

pb

0922 0029

RAICHEV, Svetoslav

Relationship between the skin thickness and some production
indexes in sheep. Selskoston nauka 2 no.7:838-841 '63.

RAICHEVA, S.; ANDREEVA, L.

Polarization curves for electrolytic hydrogen evolution on gallium in sulfuric acid solutions. Doklady BAN 17 no.12:1111-1114 '64.

1. Chemical and Technological Institute, Sofia. Submitted August 7, 1964.

CHRISTOV, S. [Khristov, S.]; RAJCEVA, T. [Raicheva, T.]

Hydrogen overvoltage in hard and liquid gallium depending on temperature. Doklady BAN 15 no.5:515-518 '62.

1. Lehrstuhl für physikalische Chemie und Electrochemie am Chemisch-Technologischen Institut, Sofia.

RAICHINOV, I.; GUSHEV, L.; NAKOV, T.

Movement of the center of gravity of a heat substance in nonlinear correlations. Godishnik Min geol inst 8:291-297 '61-'62[publ.'63].

RAICHNIKOV, Iv., St. as.

A class of linear operators. Godishnik Min geol inst 9:429-430
'63[publ. '64].

RAICHL, Jiri

"Digital data processing machines" by Walter Hoffmann.
Reviewed by Jiri Raichl. Aplikace mat 8 no.1:71-72
'63.

S/194/62/000/012/001/101
D201/D308

AUTHOR: Raichl, Jiří

TITLE: The solution of the first boundary value problem of Laplace's equation on a tabulating machine

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 3, abstract 12-1-5 ts (Stroje na zpracov. inform., v. 2, 1954, 147-155 (Czech.; summaries in Rus. and Eng.))

TEXT: The described solution of the first boundary value problem of the Laplace equation by the lattice method for a two-dimensional space with a complicated outline, was adapted for realization on a tabulating machine of the Aritma system, manufactured in Czechoslovakia. The program of the solution is formulated; it reduces to the iterated solution of linear equations determining the 'potential' of a point of the lattice as the arithmetical mean of 'potentials' of four adjacent points. The sequence of operations with the switching panel of the tabulator and with the punch card for

Card 1/2

The solution of the ...

S/194/62/000/012/001/101
D201/D308

program setting is given. The method can be extended to three-dimensional Laplace equations and to general elliptic equations of the second order. 12 references. [Abstracter's note: Complete translation.]

Card 2/2

RAICHL, Jiri

"Electronic digital computers" by A.I.Kitov. Reviewed by Jiri Raichl. Aplikace mat 6 no.6:470-471 '61.

L 23927-66 EEC(k)-2/EWP(1) IJF(c) BB/GG

ACC NR: NT5027858

SOURCE CODE: CZ/2503/65/000/011/0227/0246

AUTHOR: Raichl, Jiri -- Raikh1 Yirzhi

48

ORG: Center of Numerical Mathematics, Prague

B+1

TITLE: An attempt to construct a formulational language for data processing

166

SOURCE: Ceskoslovenska akademie ved. Vyzkumny ustav matematickych stroju. Stroje na zpracovani informaci, no. 11, 1965, 227-246

TOPIC TAGS: data processing, data processing system, computer language

ABSTRACT: In this paper the author makes an attempt to construct a language for the solution of certain data processing problems, such as payroll computation, stock control, production statistics, etc. The language discussed is termed by the author as a formulational one; instead of extensive use of algorithmic solutions, it requires the formulation of relationships only. It is designed for an area which can be characterized by the following restrictions: 1) the whole problem is solvable on the basis of the initial ordering of files; and 2) the problem is found by finding one-output. The language contains only some algorithmic elements. The author does not give any details of the language.

[KS]

2

Card 1/2

L 23927-66

ACC NR: AT5027858

SUB CODE: 09, 05/

SUBM DATE: 10Jan64/
SOV REF: 001/

ORIG REF: 001/
OTH REF: 001/

Card 2/2 *OK*

RAICHL, J.

2231:

Raichl, Jiří. ¹² Solution of a meteorological problem on punched-card machines. Stroje na Zpracování Informací 3 (1955), 101-127 (1956). (Czech. Russian and English summaries)

A meteorological problem, consisting of the initial tendencies of the 500 mb isobaric surface according to the barotropic vorticity equation, has been evaluated, using punched-card machines of the Powers type. The mathematical formulation of the problem is discussed, and the difference equations together with the boundary conditions are expressed. Methods of numerical solution of the difference analogue of the Poisson equation are considered. The most suitable method for punched-card machines seems to be that of the Fourier transformation, for which a detailed program is presented. It consists of a

GL 1/4 list of 37 manipulations of the punched cards. One computation involved about 300,000 arithmetic operations.
V. Vand (University Park, Pa.)

RAICHL, Jiri

"Data processing machines." Vol. 8. Reviewed by Jiri Raichl.
Pokroky mat fyz astr 8 no.4:248 '63.

Raichl, Jiri

Raichl, Jiri. Solution of the Laplace equation for
boundary conditions of the first kind on punched card
machines. Stroje na Zpracování Informací 2, 147-155
(1954). (Czech. Russian and English summaries)

1 - F/W

[Handwritten signature]

RAICHL. J.

SCIENCE

Periodicals: BULLETEN ASTRONOMICIESKIH INSTITUTOV CZECHOSLOVAKII.
BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA.
Vol. 10, no. 2, Mar. 1959

RAICHL. J. The variation of frontal areas of meteors. In Russian. p. 45.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

KRICH, J.

The economical coding of high-order matrices for automatic computers. p. 257.
(STROJE NA ZPRACOVANI INFORMACI, Vol. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (MEAL) IC, Vol. 6, No. 12, Dec 1957. Uncl.

RAICH, J.

Punched-card tables with a variable interval. p. 297.
(STROMA ZA ZPRACOVANI INFORMACI, Vol. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (SEAL) LC, Vol. 6, no. 12, Dec 1957. Incl.

L 45465-66

ACC NR: AT6033362

SOURCE CODE: HU/2505/65/026/01-/0191/0192

AUTHOR: Bittman, E.; Raiciulescu, N.

ORG: "D. Danielopolu" Institute of Normal and Pathological Physiology, Bucharest

TITLE: Effects of the mesencephalic reticular formation on some autonomic reflexes
[Paper presented at the symposium of the Hungarian Physiological Society held in
Budapest from 2-3 July 1963]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 1-2, 1965, 191-192

TOPIC TAGS: cat, dog, brain, neurophysiology, reflex activity

ABSTRACT: The effect of electrical stimulation of the mesencephalic reticular formation on some sympathetic and parasympathetic autonomic reflexes has been studied in acute experiments on cats and dogs under anaesthesia. In one set of experiments, the effect of liminal and supraliminal stimulation of the mesencephalic reticular formation by means of monophasic square wave current was studied on the carotid pressor reflex induced by bilateral occlusion of the common carotid for 15-20 sec. In another set of experiments, the effect of similar stimulation on the mesencephalic reticular formation was studied on the vesico-constrictor reflex induced by stimulation with monophasic rectangular pulses of the central end of the transected pelvic nerve. The results are discussed briefly in the report. A comparison of the two sets of experiments indicates that stimulation of the mesencephalic reticular formation usually facilitates the carotid sinus pressor reflex and inhibits the vesico-constrictor pelvic reflex. The functional significance of this finding has been discussed in the original article. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

0920 1384

ROBIN, S.; RUCIULESCU, N.

Arterial hypertension caused by carotid vascular occlusion.
Stud. cercet. med. intern. 5 no.5:481-491 '62

RAICU, C.; ANTONESCU, A.

Contributions to the knowledge of the pathogenic agent provoking the rotting of seeds and the withering of plants of cotton. p. 345.

STUDII SI CERCETARI DE BIOLOGIE. SERIA BIOLOGIE VEGETALA. Bucuresti, *Romania*
Vol. 10, no. 4, 1958.

Monthly List of East Accessions (EAI) IC, Vol. 9, no. 1, January 1960.

Uncl.

RAICU, P.

RUMANIA/Cultivated Plants - Grains

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82275

Author : Manoliu, M., Raicu, P.

Inst : Scientific Institute of Agriculture

Title : Investigations on the Problem of the Effect of Light Conditions on the Growth and Development of Spring Wheat Varieties Cultivated in the Rumanian People's Republic

Orig Pub : Anuarul lucrar. stiint. Inst. agron., 1957, 141-157

Abstract : Investigations were conducted in vegetation vessels at the Institute of Agriculture (Bucharest) with varieties: Lutescens 62, Ikar-142, Akademiya RPR-48, Markiz, Arnautka Nemerchanskaya and Melyanopus 69. With the exception of Arnautka Nemerchanskaya, the spring varieties have a light stage of 30 days. The spring varieties have

Card 1/2

- 18 -

Genetics

RUMANIA

RAICU, P., Dr, and RADU, Marica, Dr, Bucharest [affiliation not given]

"Molecular Bases of the Mutagenic Process."

Bucharest, Natura. Seria Biologie, Vol 18, No 1, Jan-Feb 66, pp 9-20.

Abstract: The authors discuss the factors leading to the appearance of mutations, and suggest their classification into five distinct groups: factors preventing the formation of precursor nucleic acids; factors leading to the inclusion of some analogs of the nitrogen bases in the nucleic acid macromolecules; chemical factors with various actions on nucleic acids; mutations caused by errors in the replication of DNA and RNA; and physical factors including ionizing and non-ionizing radiation, temperature variations and ultra-centrifugation.

RUMANIA/Human and Animal Physiology (Normal and Pathological) T
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27045

Author : Giurgea, C., Raiciulescu, H., Marcovici, Graziella

Inst : -

Title : Interhemispheric Conditioned Reflexes, Produced in
Direct Stimulation of the Cortex, After Injury of Corpus
Callosum. Anatomical and Histological Study.

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 5, 408-413

Abstract : Data is cited of a macro- and microscopic study of the
brain of dogs, in which interhemispheric conditioned
reflexes in direct stimulation of the cortex were obtained
preliminarily, which remained unchanged after trans-
section of the corpus callosum in sagittal and frontal
projections.

Card 1/1

- 120 -

BITTMAN, E.; RAICIULESCU, N.

Effects of the mesencephalic reticular formation on some vegetative reflexes. Acta physiol. acad. sci. Hung. 26 no.1:191-192 '65

1. "D. Danielopolu" Institute of Normal and Pathological Physiology, Bucharest, Rumania.

RUMANIA/Human and Animal Physiology (Normal and Pathological) T
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27046

Author : Giurgea, C., Raiciulescu, N.

Inst : -

Title : New Data Regarding a Conditioned Reflex Induced by
Direct Stimulation of Cerebral Cortex. I. Production of
a Temporary Bond Between Exteroceptive Stimulation (Op-
tical and Auditory) and Indirect Electrical Stimulation
of Cortical Motor Zone. II. Production of a Temporary
Bond by Direct Stimulation of Two Points of the Cortex
Located in Different Hemispheres of the Cerebrum.

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 3, 218-225

Abstract : Conditioned motor reactions to a combination of optical
or auditory stimuli with electrical stimulation of the
motor zone of the cortex in dog were observed beginning
with the 20-25th combination. In combination of direct

Card 1/2

HUNGARY

BITTMAN, S., RAICIULESCU, N.; "D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of Sciences [original language version not given], Bucharest, Rumania.

"Summation Phenomena in the Autonomic Nervous System."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIV, No 1, 1963, pages 101-115.

Abstract: [English article, authors' English summary] Acute experiments have been performed on 16 dogs and 27 cats (curare and chloralose anaesthesia), to study the tensional phenomena occurring in simultaneous activation of the central vegetative projections which play a role in the control of arterial blood pressure. Thus, besides some tensional changes which take place at simultaneous activation of the cortical and hypothalamic vasomotor projections, the relations between hypothalamus and midbrain reticular formation have been investigated, using as indicator the phasic changes of arterial blood pressure brought about by electric stimulation of those two nervous centers. Likewise, investigations have been carried out concerning the effect of hypothalamus and midbrain reticular formation stimulation on the sinocarotic pressor reflex induced by bilateral occlusion of the common carotid arteries. The results obtained indicated that simultaneous stimulation of the pressor points of the motor cortex and the hypothalamus and anterior rhinencephalon in dogs and cats induces a phenomenon of spatial summation generally, and an effect of the occlusive type, rarely.

1/2

18

BITTMAN, E.; RAICIULESCU, N.

Summation phenomena in the autonomic nervous system. Acta
physiol. acad. sci. Hung. 24 no.1:101-115 '63.

I. D. Danielopolu" Institute of Normal and Pathological
Physiology, Academy of Sciences, Bucharest, Rumania.
(AUTONOMIC NERVOUS SYSTEM) (BLOOD PRESSURE)
(HYPOTHALAMUS) (LIMBIC SYSTEM)
(RETICULAR FORMATION)
(BRAIN ELECTROPHYSIOLOGY)

RUMANIA/Human and Animal Physiology (Normal and Pathological). T-12
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51323

Author : Raiciulescu, N., Giurgea, G.

Inst : -

Title : Interhemispheric Conditioned Reflex in Direct Stimulation
of the Cerebral Cortex after Complete Severance of Corpus
Callosum.

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 4, 336-340.

Abstract : In 2 dogs with severed corpora callosa and with electrodes
inserted into frontal and motor sectors of both hemispheres,
temporary connections were produced by combining the
stimulations which were induced in both sectors by electric
current. The conditioned reflex, consisting in turning of
the head, was produced after 22-24 stimulations. Then it
became inhibited and disappeared under the influence of

Card 1/2

- 129 -

RAICIULESCU, N.; BITTMAN, E.

Vasomotor effects of hypothalamo-reticular interrelations. Rev.
sci. med. 7 no.3/4:193-196 '62.

(HYPOTHALAMUS)	(MESENCEPHALON)	(RETICULAR FORMATION)
(VASOMOTOR SYSTEM)	(BLOOD PRESSURE)	

EXCERPTA MEDICA Sec 6 Vol 13/3 Internal Med. Mar. 59.

1524. INFECTIOUS HEPATITIS COMPLICATED BY ACUTE FEBRILE HAEMOLYTIC ANAEMIA - Anemie hemolitică acută febrilă, complicație a hepatitei epidemice - Bruckner I. and Raiciulescu N. - MED. INTERNA (București) 1958, 10/1 (133-136) Tables I

The complication occurred 3 weeks after the onset of the disease; the haemolysis disappeared after an anaphylactic shock provoked by administration of plasma transfusions.

Nicolaescu - Bucharest (L,6)

RAICIULESCU, N.; BITTMAN, E.; BARTEL, R.

Studies on some pharmacodynamic properties of hydroxyzine (atarax).
Acta physiol. hung. 15 no.2:201-215 1959.

1. (Institut de Physiologie Normale et Pathologique Prof. Dr. D.
Danielopolu de l'Academie de la Republique populaire Roumaine,
Bucarest.

(TRANQUILIZING AGENTS

hydroxyzine, pharmacodynamics (Fr))

RAICIULESCU, N.; CONSTANTINESCU, M.; BITTMAN, E.

Quantitative aspects of tensional effects produced by electric excitation of some vegetative central structure; a preliminary note. Studii cerc.fiziol. 4 no.3:397-408 '59. (KEAI 9:5)

1. Institutul de fiziologi normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
(BRAIN) (ELECTROTHERAPEUTICS)

EXCERPTA MEDICA Sec.11 Vol.10/7 Oto-Rhino-Laryngo Jul57
RAICIULESCU N.

1317. RAICIULESCU N. and BALACEANU-STOLNICI C. Cat. de Fiziol. Norm. și Patol. a I.P.S.M., București. *Studiul factorilor experimentali care influențează fenomenul de compensare labirintică. Acțiunea durerii și a temperaturii asupra sindromului vestibular necompensat și compensat produs prin distrugerea unilaterală a labirintului. Experimental factors influencing vestibular compensation. Effects of temperature and pain on the uncompensated and compensated vestibular syndrome after unilateral destruction of the labyrinth in cats and dogs REV. FIZIOL. NORM. PATOL. 1956, 3/2 (252-256)

Painful electrical stimulation in the uncompensated vestibular syndrome produces first an acceleration of the rhythm of nystagmus and then a cessation of the nystagmus for the whole duration of faradization. It may decompensate the syndrome during the first stages of compensation. Rise of temperature above 40°, induced by the action of ultrashort waves, causes an acceleration of nystagmus which disap-

1317

pears as the temperature falls again. It also has a very slight effect on the compensation phenomena but only in the first stage.

Graur - Bucharest (II, 8, II)

_____, N.

Contributions to the problem of the localization of cortical inhibition (inhibition of differentiation).

p. 43 (Academia Republicii Populare Romane. Institutul de Fiziologie Normala si Patologica. Studii Si Cercetari De Fiziologie. Vol. 1, no. 1/2, Jan./June 1956
Bucuresti, Rumania)

Monthly index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

EXCERPTA MEDICA Sec.2 Vol.11/5 Physiology, etc. May 58

2234. AN INTERHEMISPHERIC CONDITIONED REFLEX INDUCED BY DIRECT ELECTRICAL STIMULATION OF THE CEREBRAL CORTEX AFTER SECTION OF THE CORPUS CALLOSUM - Reflex condiționat interemisferic prin excitarea electrică directă a scoarței cerebrale după secționarea corpului calos - Răiciulescu N. and Giurgea C. Inst. de Fiziol. Normală și Patol., București - REV. FIZIOL. NORM-PATOL. 1957, 4/4 (336-340) Illus. 1

Attention was drawn in previous publications to the existence of temporary inter-hemispheric connections, as shown by an associated direct stimulation of the occipital cortex of one hemisphere and the motor cortex of the other one. After several such associations, the stimulation of the occipital cortex produced the same (conditioned) response as stimulation of the motor area. It is now shown that this phenomenon remains unchanged after section of the corpus callosum. Chlorpromazine has the same inhibitory effect (clinical and EEG) on the reflex as in animals with the corpus callosum intact.

EXCERPTA MEDICA Sec.2 Vol.10/7 Phy.Biochem. July 57

2993. RAICIULESCU N., GIURGEA C. and SAVESCU V. Reflex conditionat la excitarea directa a cortexului cerebral dupa distrugerea ganglionului Gasser *Conditioned reflex to direct stimulation of the cerebral cortex after extirpation of the gasserian ganglion* Rev. Fiziol. norm. patol. 1956, 3/3 (304—308)

After unilateral destruction of the ganglion in 3 dogs, 2 electrodes were implanted in the skull on the same side, one over the sigmoid gyrus and the other over the occipital lobe. A temporary linkage between these regions was established, as shown by the fact that after several associations of electrical stimulation of the occipital lobe with that of the motor area, the animals responded by a motor reflex to stimulation of the optic lobe alone. This reflex did not differ in any respect from the same reflex as elaborated in intact dogs.

Graur — Bucharest

BITTMAN, E.; RAICIULESCU, N.

Stereotaxic localization of the mesencephalic reticular formation
in mongrel dogs. Acta physiol. hung. 20 no.1:51-54 '61.

1. Institute for Normal and Pathological Physiology "Prof D.Danielopolu"
of the Academy of The Rumanian People's Republic,
(MESENCEPHALON anatomy and histology)

BRUCKNER, I., prof.; RAICIULESCU, N., dr.; CANTACUZINO, D., dr.

Contribution to the problem of the relations between the central nervous system and the liver. Narcolepsy and acrocyanosis associated with chronic hepatitis. Med. intern., Bucur 12 no.12:1785-1793 D '60.

(HEPATITIS complications) (NEUROLOGIC MANIFESTATIONS)

RAICIULESCU, N.; SCHIAU, S.; BITTMAN, E.; STOENESCU, R.

A method for stereotaxic localization of the hypothalamus in mongrel dogs. Acta physiol. hung. 20 no.1:55-60 '61.

1. Institute for Normal and Pathological Physiology "Prof. D.Danielopolu" of the Academy of the Rumanian People's Republic, Bucarest.

(HYPOTHALAMUS anatomy and histology)

Structure of calcium peroxide. V. Kotov and S. Rakhstein (*J. Phys. Chem. Russ.*, 1941, 15, 1037—1038).—The space-group of CaO_2 is D_{2h}^{12} , a 5.01, c 5.92 Å, ρ from X-ray spacings is 3.20, and from pyknometer data 2.92. J. J. H.

RAICK, S. E.

"Sur le mecanisme des transformations catalytiques des hydrocarbures polymethileniques."
by Raick, S. E. (p 324)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1941, vol 11, no 1.

RAICOV, R.

"A song of happiness."

p. 17 (Drumul Belsugului) No. 12, Dec. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

PAICOVICIANU, A.

Professor Gheorghe Z. Petrescu, Rumanian iatric historiographer(1874-1954).

p. 63.

(Ocrotirea Sanatatii In R.P.R., Vol. 7, No/ 1. Jan/Mar. 1957, Bucuresti, Rumania)

SO: Monthly List of East European accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

RAICS, Jenő, Dr.; ARVAY, Sándor, Dr.

Experiences with the artificial interruption of pregnancy. *Magy. noorv.*
lap. 21 no.5:249-260 Oct 58.

1. A Debreceni Orvostudományi Egyetem Szülészeti és Nőgyógyászati klinik-
ájának közleménye (Igazgató: Arvay Sándor, egyetemi tanár).
(ABORTION, THERAPEUTIC, compl.
follow up (Hun))

RAICS, Jeno, dr.

Significance of prenatal care in connection with obstetrical complications. Magy. noorv. lap. 20 no.1:42-50 Feb 57.

1. A Debreceni Orvostudományi Egyetem Szülészeti és
Nőgyógyászati klinikájának közleménye (Igazgató: Árvay, Sándor,
dr. egyetemi tanár.

(PRENATAL CARE

eff. on incidence of compl. in prenatal care clinics
in Hungary (Hun))

RAICS, J.

Protection of women in cases of stillbirths occurring at home; results of a study of data on 295,927 births. p. 40. (Nepegeszsegugy, Budapest, Vol 36, no. 2, Feb. 1955)

30: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

RAICS, Jeno, dr.

Causes of stillbirth in home deliveries in relation to protection of the pregnant women on the basis of findings in 295,927 cases of birth. Nepegeszsegugy 36 no.2:40-49 Feb 55

1. Kozlemenye a Debreceni Orvostudományi Egyetem Szülő- és Nőbeteg klinikájáról (Igazgató: Arvay Sándor dr. egyetemi tanár)
(STILLBIRTH, etiology and pathogenesis
causes, relation to protection of mothers)
(MATERNAL WELFARE
relation to causes of stillbirth)

ROMANESCU, H.; RAICU, A.

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001344020007-0"

On the geometry of spherical tanks. Bul Inst Petrol Rum
9: 171-187 '63.

~~SECRET (in copy); given name~~

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicările Academiei Republicii Populare Române,
Vol 11, No 6, 1961, pp 695-700.

Item:

"A Contribution to the Knowledge of the Parasytic Micro-
mycetes of Medicinal Plants."

SAVULESCU, Alice: RAICU, Cristina

Contributions to the study of the pathogenic agent of seed-rot and
damping-off of cotton seedlings. Rev biol 4 no.2:231-245 '59.
(EEAI 9:8)

1. Corresponding member of the Academy of the R.P.R. (for Savulescu)
(COTTON) (DAMPING-OFF DISEASES)

RAICU, Cristina

Parasitic micromycetes of medicinal plants. Comunicare AR 11 no.6:
695-700 Je '61.

1. Comunicare prezentata de Alice Savulescu, membru corespondent
al Academiei R.P.R.

SEVCFNCO, Victoria; RAICU, Cristina

Some new micromycetes in Rumania. Comunicare AR 11 no.6:689-694
Je '61.

1. Comunicare prezentata de Alice Savulescu, membru corespondent
al Academiei R.P.R.

~~SECRET (IN U.S.)//NOFORN~~

Country: Rumania

Academic Degree: Engineer

Affiliation: Polytechnic Institute (Institutul Politehnic), Bucharest.

Source: Bucharest, Stinta si Tehnica, No 4, 1961, pp 16-17.

Data: "The Radio-Telephone Dispatcher."

33958

R/005/62/000/001/003/003
D014/D105

9,1400

AUTHOR: Raicu, D., Engineer

TITLE: Reflectometer with coupled lines

PERIODICAL: Telecomunicatii, no. 1, 1962, 31 - 38

TEXT: The article deals with reflectometers with coupled lines as recommended by M.S. Neiman and A.A. Pistolikors [Ref 1: Elektrosvyazi, 1941, no. 4] analyzing the propagation conditions on two lines and the construction possibilities of various types of reflectometers. The author briefly describes the operation principle of the reflectometer with coupled lines, pointing out that the direct and the reflected voltage or current waves are not exactly proportional. For this purpose he conducts a more thorough investigation on the reflectometer, determining the disturbances produced by the second line in the main line. He derives the expression of the direct and reflected voltage and current waves on the basis of the distribution law of the voltage and current in the main line, describes the principles of the current reflectometer and voltage reflectometer, explains the measuring of the phase of the reflection coefficient and the

Card 1/3

33958

R/005/62/000/001/003/003
D014/D105

Reflectometer with coupled lines

disturbances introduced by the reflectometer in the transmission line presents the expression of the input impedance of the line to which the reflectometer is coupled and the systematic errors arising at the measurement of the reflection coefficient, and, finally, describes some other possibilities in building reflectometers. Conclusions: The operation of a reflectometer as a measuring instrument is connected with a systematic error. The coupling of the reflectometer to the main power line disturbs the current and the voltage, making the direct and reflected current and voltage waves disproportional. Thus, precision measuring of the direct and reflected wave requires a reference either to current waves or voltage waves, obtaining thus a current or voltage reflectometer. The current reflectometer consists of a line terminated at both ends by its characteristic impedance. Disturbances produced in the first line by the coupling of the reflectometer are transduced by the appearance of some stationary voltage or current components which disturb the existing spatial distributions. At the same time, the input impedance of the primary line appears corrected by a factor which expresses the power consumption of the reflectometer and the modification of the reactive components. All disturbances introduced by the reflectometer and the error appearing at the measuring of the reflection coefficient module

Card 2/3

33958

R/005/62/000/001/003/003

D014/D105

Reflectometer with coupled lines

against the same magnitude without coupling, are proportional to the factor

ν^2 expressing the coupling. A weakly coupled reflectometer is used to fulfill the function of a voltage and a current reflectometer, since both types of reflectometers tend towards a common limit when ν tends towards zero. However, a reduction of the coupling leads to a reduction of the voltage measured at the terminals of the two impedances of the reflectometer. Optimum situation can be found by considering that the harmful effects are proportional to ν^2 , and the useful effects to ν . The operation of the reflectometer is independent of

the frequency and length of the secondary line. The sensitivity, however, is proportional to $\sin \beta l$. The measuring of the reflection coefficient phase is more complicated than the measuring of the module. There are 6 figures and 7 references: 4 Soviet-bloc, 1 non-Soviet-bloc and 2 unidentified.

Card 3/3

RAICU, Dan, ing.

Maximum power transfer through selective circuits with losses.
Telecomunicatii 6 no.6:257-262 N-D '62.

RAICU, E., ing.

Productive breeds. St si Teh Buc 14 no.5:5 My '62

1. Scientific Secretary, Institute of Zootechnic Research.

RUMANIA

RAICU, E., Eng, and BICA, M., Dr, of the Zootechnical Research Institute (Institutul de Cercetari Zootehnice).

"The Utilization of Siloed Corn in the Fattening of Young Cattle."

Eucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 9 Sep 63, pp 29-34.

Abstract: Describes an experiment performed in order to determine the optimal percentage of siloed corn to be used in the feeding of young cattle being fattened. The results indicate that 43 to 50 percent of siloed corn in the food of calves between the ages of 7 and 9 months is the most advisable proportion. The addition of about 100 grams of digestible albumin contributes to a daily weight increase of 900 grams.

Includes 1 figure, 1 illustration, 6 tables and 10 references, of which 1 Bulgarian and 9 Russian.

RAICU, P., conf. anst.

Nucleic acids and heredity. St si Teh Buc 16 no.2:22-26 F '64.

1. Sef de laborator la Institutul de biologie al Academiei R.P.R.

RAICU, Petre

Vegetative hybridization in maize. Rev biol 5 no.1/2:19-32 '60.
(EZAI 10:9)

1. Comite de redaction, "Revue de Biologie".

(Corn(Maize)) (Hybridization)

RAICU, P.; CONSTANTINESCU, D.; OLTEANU, V.; RETEZANU, M.; TARPO, E.

Contributions to the study of certain polyploid lines of
Datura stramonium L., obtained with the aid of colchicine. Rev
biol 7 no.3:381-394 '62.

1. Institut de Biologie "Traian Savulescu", Laboratoire de
génétique végétale. 2. Membre du Comité de rédaction, "Revue de
biologie" (for Raicu).

RAICU, P.; ELIAS, M.

Influence of the DNA preparation on the growth and pigmentation of wheat coleoptiles. Studii cerc biochimie 7 no.1:91-95 '64.

1. Laboratory of Vegetable Genetics of the Institute of Biology "Traian Savulescu", Rumanian Academy.

RAICU, P.; RAIU, Marica

Study of the heterosis and segregation phenomenon in the tomato hybrids descended from pollination with a pollen mixture. Rev biol 8 no. 1: 37-66 '63.

1. Universite de Bucarest, Faculte des Sciences Naturelles, Chaire de genetique.

RAJON, P., cont. univ.

Plant interspecific hybridization. St of Tex Soc 11 no.2:10-11
P 162.

-RAYKU, P. [Raicu, P.]; RADU, M.

"Multiple" fertilization in wheat. Agrobiologia no.4:530-536 J1-Ag '64.
(MIRA 17:12)

1. Laboratoriya genetiki Bukharestskogo universiteta, Rumynskaya
Narodnaya Respublika.

RAICU, P., conf. univ.; BRATOSIN, S.

(Bucuresti)

First Rumanian Symposium on Genetics. Natura Biologie 16 no.4:
94-96 JI-Ag'64

RAICU, Patro, conf. univ.

Modifications of heredity. St si Teh Buc 14 no.12;
18-21 D'62.

RAICU, Petre, conf. univ.

Nucleic acids and heredity. St si Teh Buc 16 no. 1:
6-8 Ja '64.

1. Sef de laborator la Institutul de biologie al Academiei
R.P.R.

RAICU, Petre, conf. univ.

Cytoplasmic heredity. St si Teh. Buc 16 no. 5: 38-40
May '64.

1. Head of Laboratory of the Institute of Biology of the
Rumanian Academy.

RAICU, Petre, conf.univ.

Heredity mutations. St si Teh Buc 14 no.12:18-21 D'62.

RAICU, Petre

Studies on the vegetative hybridization of maize. Studii cerc biol
veget 12 no.3:299-316 '60. (EEAI 10:5)
(Corn (Maize)) (Hybridization)

RAICU, Serban, ing.

On the computing method of optimum variants of train formation plans. Rev caller for 11 no.8:439-446 Ag '63.

1. Institutul Politehnic Bucuresti.

POPESCU, Ch., ing. (Bucuresti); RAICU, V., ing. (Bucuresti); LEFTER, C.,
ing. (Bucuresti)

Service life laws of electric insulating material. Electrotehnica
10 no.11:419-425 N '62.

1. Conferentiar la Institutul Politehnic Bucuresti (for Popescu).
2. Asistent la Institutul Politehnic Bucuresti (for Raicu, Letfer).

RAICU, V.

RUMANIA / Zooparasitology. Mites and Insects - 0-4
Carriers of Disease Agents

Abs Jour: Ref Zhur-Biol., No 20, 1958, 91072

Author : Lupescu, Gh., Duport, M., Cristescu, A.,
Manoliu, C., Raicu, V.

Inst : Not given

Title : Phlebotomus Perfilliewi in Rumania: Its Ecology
and Phenology.

Orig Pub: Studii si cercetari inframicrobiol., microbiol.
si parazitol., 1957, 8, No 1, 121-130 (Rumanian;
res. Russ., Fr.)

Abstract: Craiova is one of the regions where Phlebotomus
papatasi is widespread. It was here in rodent
burrows and in bird nests that Phl. perfilliewi
was first discovered. This species was also
found in three houses, in two of which cases

Card 1/2

33

Abs Jour: Ref Zhur-Biol., No 20, 1958, 91072

Abstract: of viscerous leishmaniasis had developed;
Papatasi was not observed in natural biotopes.
-- From the Author's resume.

IUPASCU, Gh.; DUPORE, M.; CRISTESCU, A.; MANOIU, C.; RAICU, V.

Presence in the Rumanian People's Republic of *Phlebotomus perfiliewi*
species. Stud. cercet. inframicrobiol., Bucur. 8 no.1:121-129 1957.

(LEPTOSPIRA

perfiliewi, distribution in Rumania, ecol. & phenol.)

POPESCU, Christina, ing. (Bucuresti); RAICU, Virgil, ing. (Bucuresti);
LEFTER, Cecilia, ing. (Bucuresti)

Accelerated functional tests on the life expectancy of electric
insulating materials. Electrotehnica 10 no.12:454-462 D '62.

1. Conferentiar la Institutul politehnic, Bucuresti (for Popescu.)
2. Asistent la institutul politehnic, Bucuresti (for Raicu, Lefter).

RADULET, Petrus, prof., dr., ing., laureat al Premiului de Stat (Bucuresti);
LEFTEP, Cecilia, ing., asistenta (Bucuresti); RAICU, Virgil, ing. (Bucuresti)

Encyclopedia of electroinsulating materials. Electrotehnica 10 no. 1:
18-29. Ia '61

1. Membru corespondent al Academiei R.F.R., Directorul Institutului de energetica al Academiei R.F.R., Profesor sef de catedra la Institutul politehnic, Bucuresti, si Membru al Comitetului de redactie, "Electrotehnica" (for Radulet).
2. Institutul politehnic, Bucuresti (for Lefter).
3. Sef de lucrari la Institutul politehnic, Bucuresti (for Raicu).

BITTMAN, E.; PAICULESCU, N.

A method for the stereotaxic localization of the mesencephalic reticulate formation in dogs. Studii cerc fiziol 5 no. 4: 767-771. 1960.

(Brain)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.

BRUCKNER, I., prof.; RAICULESCU, N.; CANTACUZINO, D.

Contributions to the problem of the relationship between the central nervous system and the liver. Narcolepsy and acrocyanosis associated with chronic hepatitis. Rumanian M Rev. no.3:30-36 '61.

(HEPATITIS, INFECTIOUS pathology) (BRAIN pathology)
(SLEEP DISORDERS etiology) (APPETITE DISORDERS etiology)
(CYANOSIS etiology)

BALACEANU-STOINIEI, C.; RAICIULESCU, N.

Contributions to the study of the labyrinthic compensation phenomenon
& the part played by the reticulate substance in vestibular compensation.
Rumanian M. Rev. 1 no.2:53-56 Apr-June 57.

(LABYRINTH, eff. of excis.

unilateral in animals, vestibular compensation mechanisms)

(VESTIBULAR APPARATUS, physiol.

compensations mechanisms in unilateral labyrinth excis.
in animals)

BRUCKNER, I.; RAICIULESCU, N.

Acute febrile hemolytic anemia as a complication of epidemic hepatitis.
Med. int. Bucur. 10 no.1:133-136 Jan 58.

(HEPATITIS, INFECTIOUS, complications
anemia, hemolytic acute febrile)

(ANEMIA, HEMOLYTIC, case reports
acute febrile, caused by infect. hepatitis)

GLAVCEVA, Liuba; RAICULESCU, N.; BITTMAN, E.; GROZA, P.

Some aspects of the effect of the excitation of anterior hypothalamus on gastric functions; a preliminary note. Studii cerc fiziol 6 no.2: 301-310 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de fiziologie" (for Groza).

(HYPOTHALAMUS) (STOMACH)

RAICULESCU, N.; SCHIAU, S.; BITTMAN, E.; STOENESCU, R.

A method for determining the stereotactic hypothalamus in dogs. Studii
cerc fiziol 5 no.3:539-545 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(HYPOTHALAMUS) (X RAYS)

1

Gray iron castings for heavy machine parts (1) Ya. Rold. *Tekhnicheskaya*, No 6, 16-23 (1948). *Chem. Zvesti* 1950, II, 540. A review of the chemical composition and mechanical properties of various unalloyed and low alloyed gray cast irons to be used for the production of heavy machine parts for the foundry industry. M. G. Mosin.

ASB 55.4 METALLURGICAL LITERATURE CLASSIFICATION

KINGISEPP, Georg, prof. farmakologii; RAIDARU, A., red.

[Pharmacology] Farmakoloogia. Tallinn, Eesti Riiklik Kirjastus, 1963. 586 p. [In Estonian] (MIRA 17:5)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001344020007-0"

1. Tartovskiy gosudarstvennyy universitet (for kingisepp).

RAYDNA, E. [Raidna, E.]

Efficient use of fertilizers on a farm. Zemledelie 25 no.9:46-47
S '63. (MIRA 16:9)

1. Nachal'nik Khar'yuskogo proizvodstvennogo kol'khozno-sovkhoznogo upravleniya Estonskoy SSR.
(Harju region--Fertilizers and manures)

RAIDNA, E.; REMELGAS, R.

Work results of the state farms and the tasks ahead. p.441

SOTSIALISTLIK POLITMAJANDUS. Tallinn, Estonia. Vol. 14, no. 10, May 1959

Monthly List of East European Accessions (EEAI), IC. Vol. 8, No. 9, September 1959
Uncl.

PROCESS AND PROPERTIES INDEX	
Dusts and gases produced by electric welding and methods of combating them. T. S. Raieva and T. S. Karacharov. <i>Izv. Vuzov</i> 14, 25-30, 1966. <i>Chimie & Industrie</i> 38, 473. In elec. welding with Fe electrodes the most dangerous products given off are Fe oxide powder and CO, together with small traces of N oxides. Recommendations are made as regards ventilation. A. P. C.	
ASH S.L.A. METALLURGICAL LITERATURE CLASSIFICATION	

RAIDIA, E.

Prospects for the development of the feed supply in Estonia. p. 249.

SOTSIALISTLIK POLLUMAJANDUS. (Pollumajanduse Ministeerium)
Tallinn, Estonia. Vol. 13, no. 6, June 1958.

Monthly list of East European Accessions (EEAI) Vol. 9, no. 1, Jan. 1960.

Uncl.

MARGUS, M.; VALMET, A.; VEENIMETS, K.; RAIET, E., red.; LUMET, E.,
tekh. red.

[Russian-Estonian silvicultural dictionary] Metsandulik vene-
eesti sonastik. Tallinn, Eesti Riiklik Kirjastus, 1962. 78 p.
(MIRA 15:10)

(Forests and forestry--Dictionaries)
(Russian language--Dictionaries--Estonian)

RAIETSKAI T.

✓Concentration of hemoglobin in the blood of some birds.
Alexandre Gelineo, T. Rucyskain, and Stefan Gelineo (Univ.
Belgrade). *Compt. rend. soc. biol.* 149, 1411-13(1955).—
Av. values for 11 wild species of birds from Yugoslavia
ranged from 12.0 to 15.7 g./100 cc. The av. for domestic
guinea fowl was 10.6 and for pigeons 14.8. The values were
slightly higher in males than in females in all species.

L. B. Gilson

PAIG, H.

Using slaughterhouse rests for fertilizer. p. 55

SOTSILKTLIK POLLUMJANDUS. POLLUMJANDUS MINISTEERIUM.
Tallin, Hungary. No. 1, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11
November 1959.

Uncl.

JANES, Harri, kand. med. nauk; RAIG, L., otv. red.

[Poisoning by pesticides and its prevention] Mürgistused
taimekaitsevahenditega ja nende vältimine. Tartu,
Vabariiklik Sanitaarhariduse Maja, 1963. 25 p. [In
Estonian] (MIRA 17:7)

U13, M.; RHC, M., otv. red.

[Minimum course in hygiene for public food workers]
Sanitaarmiinimumi kursus Ühiskondliku toitlustuse
ettevõtete töötajatele. 2. trükk. Tartu, Vabariiklik
sanitaarhariduse Maja, 1964. 79 p. [In Estonian]
(MIRA 18:1)

HONNIK, K., kand. tekhn. nauk; KALJUMAE, H., inzh. gidrotekhn.;
KASK, R., kand. sel'khoz. nauk; KATUS, A., inzh. lesnogo khoz.;
KILDEMAA, K., kand. geogr. nauk; KURKUS, J., agronom; LIPPMAA, A.,
inzh. gidrotekhn.; PANT, R., prepodavatel', agronom; RAIG, V.,
inzh. gidrotekhn.; REMEL, A., inzh. melior.; TALPSEPP, E., kand.
sel'khoz. nauk; SOOSAAR, V., inzh., lesnogo khoz.; STERNFELD, R.,
inzh. stroit.; TOMINGAS, E., inzh. melior.; KARUS, G., red.;
RAUD, M., red.; VAHTRE, I., tekhn. red.

[Handbook for soil improvement] Maaparanduse kasiraamat. Tal-
linn, Eesti riiklik kirjastus. Vol.1. [Fundamentals of soil
improvement] Maaparanduse alused. 1962. 473 p. (MIRA 15:5)
(Soils)

